

Docket 03280088AA
Serial No.: 10/658,712

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
Takahiro Yamada et al.

Serial No. 10/658,712

Filed: September 10, 2003

For: CLEANING DEVICE FOR
CLEANING INKJET HEAD

Group Art Unit: 2861

Examiner: Hsiehm Shih Wen

Confirmation No.: 3169

Box: Non-Fee Amendment
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action mailed March 23, 2005, please amend the
above-identified patent application as follows:

Amendments to the Claims: Amendments to the claims are indicated by the
notation "currently amended" in the listing of claims beginning on page 2
of this paper.

Remarks: The "REMARKS" section begins on page 7 of this paper.

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Docket 03280088AA
Serial No.: 10/658,712

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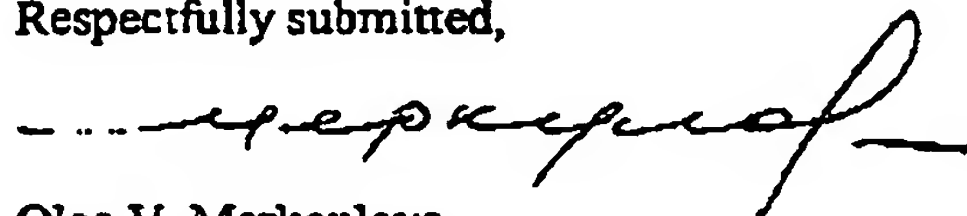
page 4 to 11, page 23 of the specification. Therefore, the Applicant respectfully submits that the different level member is not always necessary to create a spiraling current that performs both of purging the nozzle and wiping around the nozzle. For example, when the suction hole member is slanted with respect to the orifice surface such as shown in Figure 8, a gap that air flows into is created. The spiraling current is created due to the gap. As such, the different level member is not essential in creating the spiral current.

In order to emphasize this fact the new claims 23 and 24 have been added by the present amendment. In view of the foregoing, it is respectfully requested that the application be reconsidered, that claims 1 to 24 be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

A provisional petition is hereby made for any extension of time necessary for the continued pendency during the life of this application. Please charge any fees for such provisional petition and any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041 (Whitham, Curtis & Christofferson, P.C.).

Respectfully submitted,



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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

10/658712

APPLICATION AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))							
SEARCH FEE (37 CFR 1.16(k), (l), or (m))							
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))							
TOTAL CLAIMS (37 CFR 1.16(i))		— minus 20 = *	X	=	OR	X	=
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *	X	=		X	=
APPLICATION SIZE FEE (37 CFR 1.16(j))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

AMENDMENT A	7/21/06	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
		Total (37 CFR 1.16(i))	24	Minus	22	= 2	X 25 =		OR	X 50 =
Independent (37 CFR 1.16(h))	3	Minus	3	= 0	X 100 =		OR	X 200 =		
Application Size Fee (37 CFR 1.16(s))										
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						180		OR	360	
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))		Minus		=	X	=	OR	X
Independent (37 CFR 1.16(h))		Minus		=	X	=	OR	X	=
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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